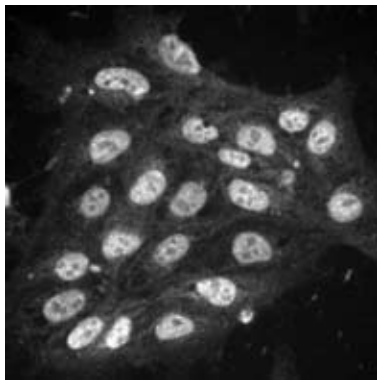
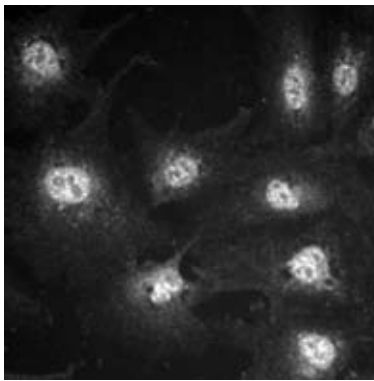


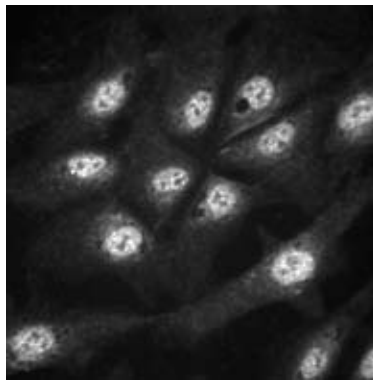
Conditioned  
Media



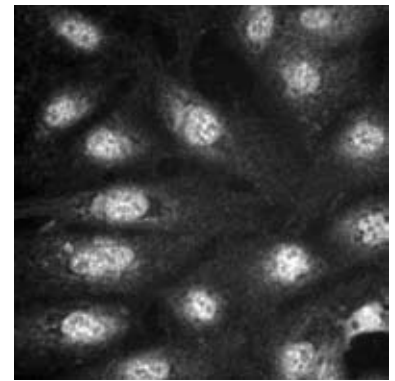
KSR  
+ Noggin



KSR  
+ SB431542



KSR  
+ Noggin  
+ SB431542



**Supplemental Figure 1** - Nuclear localization of SMAD4 diminishes when hESC cells are treated with Noggin and SB431542 for 24 hours. A proportion of SMAD4 redistributes to a perinuclear localization resulting in a less defined cytoplasmic-to-nuclear border.